

Why Working Groups?

Accelerate Advanced
Air Mobility through
Collaboration





Much interest by all

We hear you!



Mechanism to collaborate with government and industry



Many subsystem providers

Many great ideas

Many common precompetitive needs

Collaborative innovation is key

Get best value from national campaign

Ensure NASA research addresses most critical needs

Clear and open-source tracking of AAM ecosystem progress

Partnership Strategy

- Working Groups
- National Campaign
- Research towards maturity level 4

Working Groups



Crosscutting (including Concept of Operations and National Campaign)



Aircraft (airmen included)



Airspace



Infrastructure and Community

Expected Outcomes

- Recognize and address near-term needs to kick-start AAM/UAM
- Mesearch needs for scalable AAM towards maturity level-4
- Identify partnership opportunities with NASA projects including National Campaign
- Foster collaborations among each other
- Generate data and information for standards bodies
- Collectively address pre-competitive considerations (e.g., protocols, safety analysis)
- Develop AAM system architectures, book of requirements and guidelines, and scorecard

Products

- > By stakeholders
- > For stakeholders
- > With stakeholders

>> AAM system architectures

- >> Book of requirements and guidelines
- >> Ecosystem scorecard

>> Open source

With NASA facilitation

Next Steps



Multi-part virtual rollout (next couple months): Introduce the working groups' purpose and goals and start discussing the immediate requirements, guidelines, and standards needed



First in-person meeting (tentatively in July): Identify and prioritize the long-term requirements, guidelines, and standards needed



Second in-person meeting (tentatively September at the AAM Convention): Continue to develop ecosystem score card and priorities

Next Steps

- Thursday March 26 at 1:00pm EDT
 Working Group Details
 National Campaign (NC) Overview
 Question & Answers (Q&A)
- Friday March 27 at 2:00pm EDT
 Follow-up Q&A From Previous Meetings
 NC Breakout Introductions
- Week of March 30 (Tentative)
 NC Breakout Sessions
- April Events (Tentative)
 UAM Concept of Operations (ConOps) Overview
 ConOps Breakout Sessions
 Kickoff meeting for each individual Working Group
- July 7-9, 2020 (Tentative) Working Group Face-to-Face Meeting (Washington, DC area)



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